



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-397493
Lot Number: SAMPLE
Product Name: Maleic acid disodium salt, anhydrous
CAS Number: 371-47-1
Molecular Formula: $C_4H_2O_4 \cdot 2Na$
Molecular Weight: 160.04

Test	Specification	Result
Appearance	Colorless or white powder	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 98.0\%$	98.8%
Purity (Nonaqueous Titration)	98.0 - 102.0 % by 0.1M HClO ₄	99.8 %
Trace metal analysis		Complies
Cadmium	≤ 50 MG/KG (ICP)	< 50 mg/kg
Chloride	≤ 50 MG/KG	< 50 mg/kg
Copper	≤ 50 MG/KG (ICP)	< 50 mg/kg
Iron (ICP)	≤ 50 MG/KG	< 50 mg/kg
Lead (ICP)	≤ 50 MG/KG	< 50 mg/kg
Sulfur (ICP)	≤ 50 MG/KG	< 50 mg/kg
Zinc	≤ 50 MG/KG (ICP)	< 50 mg/kg

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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